

AMENDMENT
S/N 10/089,923, FILED 04/04/2002

PATENT
150-111(US)

AMENDMENT TO THE DRAWING

Please insert “(Prior Art)” under FIG. 2a.

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REMARKS

The above-reference Office Action has been carefully reviewed and reconsideration thereof is respectfully requested.

The Examiner has requested that an Abstract in proper language be submitted and the above inserts such an Abstract.

The Examiner asserts that Claim 1 is missing. This is not understood, as Claims 1-9 appear in PCT Application PCT/US00/ 27501 as published. Accordingly, the Listing of Claims and the Remarks below are furnished with the original numbering. It appears that the Examiner in the present case was also the Examiner in the PCT application.

Claim 1 has been indicated as being allowable in the Written Opinion mailed July 26, 2001, and should be considered to be still allowable.

Claim 2 has been cancelled and Claim 10 inserted therefor. Support for this insertion is found throughout the disclosure as filed. It is believed that the primary reference relied upon by the Examiner, Chapman, does not read on the disclosure, *inter alia*, of paragraph (c) of new Claim 10. Moreover, paragraph (c) of Claim 10 does not read on any of the disclosures of any of the other cited patents, taken either with Chapman or in view of one another. It is respectfully submitted that Claim 10 is not obvious in view of any or all of the prior art.

The claims depending from now-cancelled Claim 2, replaced by Claim 10, should be deemed to be allowable, since Claim 10 should be considered to be allowable.

The above amendment also inserts new Claim 11. Support for this insertion is found throughout the disclosure as filed. New Claim 11 recites in detail the relative

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chronology of the respective steps of tracking the maxima and of tracking the minima of the input signal. Furthermore, the steps of changing the state of the tracking system are set forth in the new claim and in no way do not appear in the prior art cited by the Examiner. These changes of state of the tracking system are the steps which enable the system to detect local maxima or minima attributable to noise alone. These features are not found or suggested in the prior art and are not obvious in any way.

The Specification has been amended to correct minor errors. It is respectfully submitted that the corrections do not introduce new matter.

In view of the above amendments and remarks it is believed that the claims in the application, Claims 1 and 3-11, are allowable and early action in that regard is respectfully requested

Should the Examiner have any questions with respect to the claims or any suggestions as to the wording thereof, the undersigned would be grateful for a telephone conference with the Examiner.

Date: December 22, 2005.

Respectfully submitted,



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